

WHAT IS CLAIMED IS:

1. A color image display system comprising:
  - a plurality of partial color image display means for displaying partial color images to be synthetically displayed as a color image of one frame, on the basis of display color image data; and
    - image data conversion means for converting input color image data into the display color image data on the basis of color reproduction characteristics of said plurality of partial color image display means.
2. A system according to claim 1, wherein said image data conversion means further comprises color reproduction characteristic acquisition means for acquiring the color reproduction characteristics of said plurality of partial color image display means.
3. A system according to claim 2, wherein said color reproduction characteristic acquisition means comprises at least one of a spectrophotometer, image sensing means, a colorimeter, and an illuminance meter.
4. A system according to claim 1, wherein each of said plurality of partial color image display means comprises a multi-primary-color display having at least four primary colors.
5. A system according to claim 1, wherein said image data conversion means corrects a bias of the input color image data so as to display the partial color images on a predetermined set bias in said

plurality of partial color image display means, thereby converting the input color image data into the display color image data.

6. A system according to claim 1, wherein said  
5 image data conversion means converts the input color image data into the display color image data so as to display, at a predetermined ratio in an overlap region, the partial color images contained in the overlap region between the partial color images displayed by  
10 said partial color image display means.

7. A color image display system comprising:  
a plurality of partial color image display means for displaying partial color images to be synthetically displayed as a color image of one frame, on the basis  
15 of display color image data; and

image data conversion means for correcting a bias of input color image data so as to display the partial color images on a predetermined set bias in said plurality of partial color image display means, thereby  
20 converting the input color image data into the display color image data.

8. A system according to claim 7, wherein each of said plurality of partial color image display means comprises a multi-primary-color display having at least  
25 four primary colors.

9. A color image display system comprising:  
a plurality of partial color image display means

for displaying partial color images to be synthetically displayed as a color image of one frame, on the basis of display color image data; and

5           image data conversion means for converting input color image data into the display color image data so as to display, at a predetermined ratio in an overlap region, the partial color images contained in the overlap region between the partial color images displayed by said partial color image display means.

10          10. A system according to claim 9, wherein each of said plurality of partial color image display means comprises a multi-primary-color display having at least four primary colors.

11. A color image display system comprising:  
15           a plurality of partial color image display means for displaying partial color images to be synthetically displayed as a color image of one frame, on the basis of display color image data; and

20           image data conversion means for converting input color image data into the display color image data so as to correct color nonuniformities in the partial color images displayed by said partial color image display means.

25          12. A system according to claim 11, wherein each of said plurality of partial color image display means comprises a multi-primary-color display having at least four primary colors.

13. A color image display system comprising:

a plurality of partial color image display means  
for displaying partial color images to be synthetically  
displayed as a color image of one frame, on the basis  
of display color image data; and

image data conversion means for converting input  
color image data into the display color image data to  
be input to said partial color image display means,

wherein said partial color image display means  
10 display the partial color images with display luminance  
lower in an overlap region between the partial color  
image displayed by one partial color image display  
means and the partial color image displayed by the  
other partial color image display means than in a  
15 remaining region.

14. A system according to claim 13, wherein each  
of said plurality of partial color image display means  
comprises a multi-primary-color display having at least  
four primary colors.